Report No: SCEPL/MT/01/Sep/07/2020-21 **Date: 04-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/07/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 07-09-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/07/01-10	06-09-2020	04-10-2020	150.0	150.0	150.0	22500	8.200	475.3	21.12	**21.20**
	Sep/07/01-11	06-09-2020	04-10-2020	150.0	150.0	150.0	22500	8.300	477.0	21.20	
	Sep/07/01-12	06-09-2020	04-10-2020	150.0	150.0	150.0	22500	8.400	478.7	21.28	
2	Sep/07/01-13	06-09-2020	04-10-2020	150.0	150.0	150.0	22500	8.500	480.4	21.35	**21.43**
	Sep/07/01-14	06-09-2020	04-10-2020	150.0	150.0	150.0	22500	8.440	482.1	21.43	
	Sep/07/01-15	06-09-2020	04-10-2020	150.0	150.0	150.0	22500	8.380	483.8	21.50	
3	Sep/07/01-16	06-09-2020	04-10-2020	150.0	150.0	150.0	22500	8.320	481.8	21.41	**21.32**
	Sep/07/01-17	06-09-2020	04-10-2020	150.0	150.0	150.0	22500	8.260	479.8	21.32	
	Sep/07/01-18	06-09-2020	04-10-2020	150.0	150.0	150.0	22500	8.200	477.8	21.24	

Remarks:-
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* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt Ltd Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED
(Mechanical Testing Laboratory Division)
ISO 9001:2015

Report No: SCEPL/MT/01/Sep/12/2020-21

Date: 18-09-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/12/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 12-09-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
4	Sep/12/01-01	11-09-2020	18-09-2020	150.0	150.0	150.0	22500	8.170	353.0	15.69	15.76
	Sep/12/01-02	11-09-2020	18-09-2020	150.0	150.0	150.0	22500	8.270	354.7	15.76	
	Sep/12/01-03	11-09-2020	18-09-2020	150.0	150.0	150.0	22500	8.370	356.4	15.84	
5	Sep/12/01-04	11-09-2020	18-09-2020	150.0	150.0	150.0	22500	8.470	358.1	15.92	15.99
	Sep/12/01-05	11-09-2020	18-09-2020	150.0	150.0	150.0	22500	8.410	359.8	15.99	
	Sep/12/01-06	11-09-2020	18-09-2020	150.0	150.0	150.0	22500	8.350	361.5	16.07	

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

PVH Consulting Engineers Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob:9886212878 Ph: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Sep/12/2020-21 **Date: 09-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/12/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 12-09-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/12/01-07	11-09-2020	09-10-2020	150.0	150.0	150.0	22500	8.210	472.6	21.00	**21.08**
	Sep/12/01-08	11-09-2020	09-10-2020	150.0	150.0	150.0	22500	8.310	474.3	21.08	
	Sep/12/01-09	11-09-2020	09-10-2020	150.0	150.0	150.0	22500	8.410	476.0	21.16	
2	Sep/12/01-10	11-09-2020	09-10-2020	150.0	150.0	150.0	22500	8.510	477.7	21.23	**21.31**
	Sep/12/01-11	11-09-2020	09-10-2020	150.0	150.0	150.0	22500	8.450	479.4	21.31	
	Sep/12/01-12	11-09-2020	09-10-2020	150.0	150.0	150.0	22500	8.390	481.1	21.38	

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For SHIPRAMA Consulting Engineers Pvt Ltd

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(Mechanical Testing Laboratory Division)
ISO 9001:2015

Report No: SCEPL/MT/01/Sep/17/2020-21 **Date: 23-09-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/17/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 17-09-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/17/01-01	16-09-2020	23-09-2020	150.0	150.0	150.0	22500	8.190	356.5	15.84	15.92
	Sep/17/01-02	16-09-2020	23-09-2020	150.0	150.0	150.0	22500	8.290	358.2	15.92	
	Sep/17/01-03	16-09-2020	23-09-2020	150.0	150.0	150.0	22500	8.390	359.9	16.00	
2	Sep/17/01-04	16-09-2020	23-09-2020	150.0	150.0	150.0	22500	8.490	361.6	16.07	16.10
	Sep/17/01-05	16-09-2020	23-09-2020	150.0	150.0	150.0	22500	8.430	363.3	16.15	
	Sep/17/01-06	16-09-2020	23-09-2020	150.0	150.0	150.0	22500	8.370	361.6	16.07	
3	Sep/17/01-07	16-09-2020	23-09-2020	150.0	150.0	150.0	22500	8.310	359.9	16.00	15.92
	Sep/17/01-08	16-09-2020	23-09-2020	150.0	150.0	150.0	22500	8.250	358.2	15.92	
	Sep/17/01-09	16-09-2020	23-09-2020	150.0	150.0	150.0	22500	8.190	356.5	15.84	

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers Pvt. Ltd. Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091.Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Sep/17/2020-21 **Date: 14-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/17/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 17-09-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/17/01-10	16-09-2020	14-10-2020	150.0	150.0	150.0	22500	8.200	481.3	21.39	21.47
	Sep/17/01-11	16-09-2020	14-10-2020	150.0	150.0	150.0	22500	8.300	483.0	21.47	
	Sep/17/01-12	16-09-2020	14-10-2020	150.0	150.0	150.0	22500	8.400	484.7	21.54	
2	Sep/17/01-13	16-09-2020	14-10-2020	150.0	150.0	150.0	22500	8.500	486.4	21.62	21.69
	Sep/17/01-14	16-09-2020	14-10-2020	150.0	150.0	150.0	22500	8.440	488.1	21.69	
	Sep/17/01-15	16-09-2020	14-10-2020	150.0	150 0	150.0	22500	8.380	489.8	21.77	
3	Sep/17/01-16	16-09-2020	14-10-2020	150.0	150.0	150.0	22500	8.320	487.8	21.68	21.59
	Sep/17/01-17	16-09-2020	14-10-2020	150.0	150.0	150.0	22500	8.260	485.8	21.59	
	Sep/17/01-18	16-09-2020	14-10-2020	150.0	150.0	150.0	22500	8.200	483.8	21.50	

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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Report No: SCEPL/MT/01/Sep/22/2020-21 **Date: 28-09-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/22/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 22-09-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/22/01-01	21-09-2020	28-09-2020	150.0	150.0	150.0	22500	8.190	356.5	15.84	15.92
	Sep/22/01-02	21-09-2020	28-09-2020	150.0	150.0	150.0	22500	8.290	358.2	15.92	
	Sep/22/01-03	21-09-2020	28-09-2020	150.0	150.0	150.0	22500	8.390	359.9	16.00	
2	Sep/22/01-04	21-09-2020	28-09-2020	150.0	150.0	150.0	22500	8.490	361.6	16.07	16.10
	Sep/22/01-05	21-09-2020	28-09-2020	150.0	150.0	150.0	22500	8.430	363.3	16.15	
	Sep/22/01-06	21-09-2020	28-09-2020	150.0	150.0	150.0	22500	8.370	361.6	16.07	
3	Sep/22/01-07	21-09-2020	28-09-2020	150.0	150.0	150.0	22500	8.310	359.9	16.00	15.92
	Sep/22/01-08	21-09-2020	28-09-2020	150.0	150.0	150.0	22500	8.250	358.2	15.92	
	Sep/22/01-09	21-09-2020	28-09-2020	150.0	150.0	150.0	22500	8.190	356.5	15.84	

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* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers Pvt Ltd Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
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(Mechanical Testing Laboratory Division)
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Report No: SCEPL/MT/01/Sep/22/2020-21 **Date: 19-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/22/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 22-09-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/22/01-10	21-09-2020	19-10-2020	150.0	150.0	150.0	22500	8.200	481.3	21.39	21.47
	Sep/17/01-11	21-09-2020	19-10-2020	150.0	150.0	150.0	22500	8.300	483.0	21.47	
	Sep/17/01-12	21-09-2020	19-10-2020	150.0	150.0	150.0	22500	8.400	484.7	21.54	
2	Sep/17/01-13	21-09-2020	19-10-2020	150.0	150.0	150.0	22500	8.500	486.4	21.62	21.69
	Sep/17/01-14	21-09-2020	19-10-2020	150.0	150.0	150.0	22500	8.440	488.1	21.69	
	Sep/17/01-15	21-09-2020	19-10-2020	150.0	150.0	150.0	22500	8.380	489.8	21.77	
3	Sep/17/01-16	21-09-2020	19-10-2020	150.0	150.0	150.0	22500	8.320	487.8	21.68	21.59
	Sep/17/01-17	21-09-2020	19-10-2020	150.0	150.0	150.0	22500	8.269	485.8	21.59	
	Sep/17/01-18	21-09-2020	19-10-2020	150.0	150.0	150.0	22500	8.200	483.8	21.50	

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* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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Bengaluru-560091.Mob:9886212878 Ph: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Sep/26/2020-21 Date: 02-10-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/26/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 26-09-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/26/01-01	25-09-2020	02-10-2020	150.0	150.0	150.0	22500	8.180	351.0	15.60	15.68
	Sep/26/01-02	25-09-2020	02-10-2020	150.0	150.0	150.0	22500	8.280	352.7	15.68	
	Sep/26/01-03	25-09-2020	02-10-2020	150.0	150.0	150.0	22500	8.380	354.4	15.75	
2	Sep/26/01-04	25-09-2020	02-10-2020	150.0	150.0	150.0	22500	8.480	356.1	15.83	15.90
	Sep/26/01-05	25-09-2020	02-10-2020	150.0	150.0	150.0	22500	8.420	357.8	15.90	
	Sep/26/01-06	25-09-2020	02-10-2020	150.0	150.0	150.0	22500	8.360	359.5	15.98	

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

SHIPRAMA Consulting Engineers P. Ltd. Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob 9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Sep/26/2020-21 **Date: 23-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/26/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 26-09-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/26/01-07	25-09-2020	23-10-2020	150.0	150.0	150.0	22500	8.210	479.3	21.30	21.38
	Sep/26/01-08	25-09-2020	23-10-2020	150.0	150.0	150.0	22500	8.310	481.0	21.38	
	Sep/26/01-09	25-09-2020	23-10-2020	150.0	150.0	150.0	22500	8.410	482.7	21.45	
2	Sep/26/01-10	25-09-2020	23-10-2020	150.0	150.0	150.0	22500	8.510	484.4	21.53	21.60
	Sep/26/01-11	25-09-2020	23-10-2020	150.0	150.0	150.0	22500	8.450	486.1	21.60	
	Sep/26/01-12	25-09-2020	23-10-2020	150.0	150.0	150.0	22500	8.390	487.8	21.68	

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* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

SHIVA Consulting Engineers Bangalore

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Report No: SCEPL/MT/01/Sep/30/2020-21 Date: 06-10-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/30/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 30-09-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/30/01-01	29-09-2020	06-10-2020	150.0	150.0	150.0	22500	8.200	356.2	15.83	15.91
	Sep/30/01-02	29-09-2020	06-10-2020	150.0	150.0	150.0	22500	8.300	357.9	15.91	
	Sep/30/01-03	29-09-2020	06-10-2020	150.0	150.0	150.0	22500	8.400	359.6	15.98	
2	Sep/30/01-04	29-09-2020	06-10-2020	150.0	150.0	150.0	22500	8.500	361.3	16.06	16.08
	Sep/30/01-05	29-09-2020	06-10-2020	150.0	150.0	150.0	22500	8.440	363.0	16.13	
	Sep/30/01-06	29-09-2020	06-10-2020	150.0	150.0	150 0	22500	8.380	361.3	16.06	
3	Sep/30/01-07	29-09-2020	06-10-2020	150.0	150.0	150.0	22500	8.320	359.6	15.98	15.91
	Sep/30/01-08	29-09-2020	06-10-2020	150.0	150.0	150.0	22500	8.260	357.9	15.91	
	Sep/30/01-09	29-09-2020	06-10-2020	150.0	150.0	150.0	22500	8.200	356.2	15.83	

Remarks:-
The results pertain to the samples received and tested.
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorised Signatory

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob 9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Sep/30/2020-21

Date: 27-10-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/30/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 30-09-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Sep/30/01-10	29-09-2020	27-10-2020	150.0	150.0	150.0	22500	8.190	474.9	21.11	21.18
	Sep/30/01-11	29-09-2020	27-10-2020	150.0	150.0	150.0	22500	8.290	476.6	21.18	
	Sep/30/01-12	29-09-2020	27-10-2020	150.0	150.0	150.0	22500	8.390	478.3	21.26	
2	Sep/30/01-13	29-09-2020	27-10-2020	150.0	150.0	150.0	22500	8.490	480.0	21.33	21.41
	Sep/30/01-14	29-09-2020	27-10-2020	150.0	150.0	150.0	22500	8.430	481.7	21.41	
	Sep/30/01-15	29-09-2020	27-10-2020	150.0	150.0	150.0	22500	8.370	483.4	21.48	
3	Sep/30/01-16	29-09-2020	27-10-2020	150.0	150.0	150.0	22500	8.310	481.4	21.40	21.31
	Sep/30/01-17	29-09-2020	27-10-2020	150.0	150.0	150.0	22500	8.250	479.4	21.31	
	Sep/30/01-18	29-09-2020	27-10-2020	150.0	150.0	150.0	22500	8.190	477.4	21.22	

Remarks:-
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Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091.Mob:9886212878 Ph : 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/04/2020-21 **Date: 10-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/04/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 04-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/04/01-01	03-10-2020	10-10-2020	150.0	150.0	150.0	22500	8.150	353.0	15.69	15.76
	Oct/04/01-02	03-10-2020	10-10-2020	150.0	150.0	150.0	22500	8.250	354.7	15.76	
	Oct/04/01-03	03-10-2020	10-10-2020	150.0	150.0	150.0	22500	8.350	356.4	15.84	
2	Oct/04/01-04	03-10-2020	10-10-2020	150.0	150.0	150.0	22500	8.450	358.1	15.92	15.99
	Oct/04/01-05	03-10-2020	10-10-2020	150.0	150.0	150.0	22500	8.390	359.8	15.99	
	Oct/04/01-06	03-10-2020	10-10-2020	150.0	150.0	150.0	22500	8.330	361.5	16.07	

Remarks:-
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Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

Consulting Engineers Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob:9886212878 Ph : 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/04/2020-21 **Date: 31-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/04/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 04-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/04/01-07	03-10-2020	31-10-2020	150.0	150.0	150.0	22500	8.180	475.3	21.12	21.20
	Oct/04/01-08	03-10-2020	31-10-2020	150.0	150.0	150.0	22500	8.280	477.0	21.20	
	Oct/04/01-09	03-10-2020	31-10-2020	150.0	150.0	150.0	22500	8.380	478.7	21.28	
2	Oct/04/01-10	03-10-2020	31-10-2020	150.0	150.0	150.0	22500	8.480	480.4	21.35	21.43
	Oct/04/01-11	03-10-2020	31-10-2020	150.0	150.0	150.0	22500	8.420	482.1	21.43	
	Oct/04/01-12	03-10-2020	31-10-2020	150.0	150.0	150.0	22500	8.360	483.8	21.50	

Remarks:-
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* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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Consulting Engineers Bangalore

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

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Report No: SCEPL/MT/01/Oct/07/2020-21 **Date: 14-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/07/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 08-10-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/07/01-01	07-10-2020	14-10-2020	150.0	150.0	150.0	22500	8.200	354.5	15.76	**15.83**
	Oct/07/01-02	07-10-2020	14-10-2020	150.0	150.0	150.0	22500	8.300	356.2	15.83	
	Oct/07/01-03	07-10-2020	14-10-2020	150.0	150.0	150.0	22500	8.400	357.9	15.91	
2	Oct/07/01-04	07-10-2020	14-10-2020	150.0	150.0	150.0	22500	8.500	359.6	15.98	**16.01**
	Oct/07/01-05	07-10-2020	14-10-2020	150.0	150.0	150.0	22500	8.440	361.3	16.06	
	Oct/07/01-06	07-10-2020	14-10-2020	150.0	150.0	150.0	22500	8.380	359.6	15.98	
3	Oct/07/01-07	07-10-2020	14-10-2020	150.0	150.0	150.0	22500	8.320	357.9	15.91	**15.83**
	Oct/07/01-08	07-10-2020	14-10-2020	150.0	150.0	150.0	22500	8.260	356.2	15.83	
	Oct/07/01-09	07-10-2020	14-10-2020	150.0	150.0	150.0	22500	8.200	354.5	15.76	

Remarks:-
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This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob 9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/07/2020-21 **Date: 03-11-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/07/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 07-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/07/01-10	06-10-2020	03-11-2020	150.0	150.0	150.0	22500	8.200	478.9	21.28	**21.36**
	Oct/07/01-11	06-10-2020	03-11-2020	150.0	150.0	150.0	22500	8.300	480.6	21.36	
	Oct/07/01-12	06-10-2020	03-11-2020	150.0	150.0	150.0	22500	8.400	482.3	21.44	
2	Oct/07/01-13	06-10-2020	03-11-2020	150.0	150.0	150.0	22500	8.500	484.0	21.51	**21.59**
	Oct/07/01-14	06-10-2020	03-11-2020	150.0	150.0	150.0	22500	8.440	485.7	21.59	
	Oct/07/01-15	06-10-2020	03-11-2020	150.0	150.0	150.0	22500	8.380	487.4	21.66	
3	Oct/07/01-16	06-10-2020	03-11-2020	150.0	150.0	150.0	22500	8.320	485.4	21.57	**21.48**
	Oct/07/01-17	06-10-2020	03-11-2020	150.0	150.0	150.0	22500	8.260	483.4	21.48	
	Oct/07/01-18	06-10-2020	03-11-2020	150.0	150.0	150.0	22500	8.200	481.4	21.40	

Remarks:-
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers Pvt. Ltd. Bangalore

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SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED
(Mechanical Testing Laboratory Division)
ISO 9001:2015

Report No: SCEPL/MT/01/Oct/11/2020-21 **Date: 17-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/11/2020-21

Source of Sample: Samples supplied by the Customer
Date of Receipt: 11-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/11/01-01	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.200	350.0	15.56	15.63
	Oct/11/01-02	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.300	351.7	15.63	
	Oct/11/01-03	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.400	353.4	15.71	
2	Oct/11/01-04	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.500	355.1	15.78	15.86
	Oct/11/01-05	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.440	356.8	15.86	
	Oct/11/01-06	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.380	358.5	15.93	

Remarks:-
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This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers P. Ltd. Bangalore

Page 2/2

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob 9886212878 Ph.. 080 29554444 | Email :shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/11/2020-21 **Date: 07-11-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/11/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 11-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/11/01-07	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.140	480.5	21.36	21.43
	Oct/11/01-08	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.240	482.2	21.43	
	Oct/11/01-09	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.340	483.9	21.51	
2	Oct/11/01-10	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.440	485.6	21.58	21.66
	Oct/11/01-11	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.380	487.3	21.66	
	Oct/11/01-12	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.320	489.0	21.73	

Remarks:-
The results pertain to the samples received and tested.
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers Pvt. Ltd. Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/15/2020-21 **Date: 21-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/15/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 15-10-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/15/01-01	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.200	358.1	15.92	15.99
	Oct/15/01-02	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.300	359.8	15.99	
	Oct/15/01-03	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.400	361.5	16.07	
2	Oct/15/01-04	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.500	363.2	16.14	16.17
	Oct/15/01-05	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.440	364.9	16.22	
	Oct/15/01-06	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.380	363.2	16.14	
3	Oct/15/01-07	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.320	361.5	16.07	15.99
	Oct/15/01-08	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.260	359.8	15.99	
	Oct/15/01-09	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.200	358.1	15.92	

Remarks:-
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers Pvt. Ltd. Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob 9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/15/2020-21 Date: 11-11-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/15/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 15-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/15/01-10	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.200	469.3	20.86	**20.93**
	Oct/15/01-11	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.300	471.0	20.93	
	Oct/15/01-12	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.400	472.7	21.01	
2	Oct/15/01-13	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.500	474.4	21.08	**21.16**
	Oct/15/01-14	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.440	476.1	21.16	
	Oct/15/01-15	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.380	477.8	21.24	
3	Oct/15/01-16	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.320	475.8	21.15	**21.06**
	Oct/15/01-17	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.260	473.8	21.06	
	Oct/15/01-18	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.200	471.8	20.97	

Remarks:-
The results pertain to the samples received and tested.
Any correction in the report will make this report invalid
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers Pvt. Ltd. Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob:9886212878 Ph: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/20/2020-21 Date: 26-10-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/20/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 20-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/20/01-01	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.160	353.0	15.69	15.76
	Oct/20/01-02	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.260	354.7	15.76	
	Oct/20/01-03	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.360	356.4	15.84	
2	Oct/20/01-04	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.460	358.1	15.92	15.99
	Oct/20/01-05	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.400	359.8	15.99	
	Oct/20/01-06	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.340	361.5	16.07	

Remarks:-
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091.Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/20/2020-21 **Date: 16-11-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/20/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 20-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/20/01-07	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.220	473.9	21.06	21.14
	Oct/20/01-08	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.320	475.6	21.14	
	Oct/20/01-09	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.420	477.3	21.21	
2	Oct/20/01-10	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.520	479.0	21.29	21.36
	Oct/20/01-11	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.460	480.7	21.36	
	Oct/20/01-12	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.400	482.4	21.44	

Remarks:-
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* Information furnished by the client

*** End of the report***

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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Report No: SCEPL/MT/01/Oct/24/2020-21 **Date: 30-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/24/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 24-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/24/01-01	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.230	357.6	15.89	**15.97**
	Oct/24/01-02	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.330	359.3	15.97	
	Oct/24/01-03	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.430	361.0	16.04	
2	Oct/24/01-04	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.530	362.7	16.12	**16.15**
	Oct/24/01-05	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.470	364.4	16.20	
	Oct/24/01-06	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.410	362.7	16.12	
3	Oct/24/01-07	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.350	361.0	16.04	**15.97**
	Oct/24/01-08	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.290	359.3	15.97	
	Oct/24/01-09	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.230	357.6	15.89	

Remarks:-
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers P. Ltd. Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob 9886212878 Ph: 080 29554444 | Email: shiprama888@gmail.com |

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TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/24/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 24-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/24/01-10	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.120	477.6	21.23	21.30
	Oct/24/01-11	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.220	479.3	21.30	
	Oct/24/01-12	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.320	481.0	21.38	
2	Oct/24/01-13	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.420	482.7	21.45	21.53
	Oct/24/01-14	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.360	484.4	21.53	
	Oct/24/01-15	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.300	486.1	21.60	
3	Oct/24/01-16	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.240	484.1	21.52	21.43
	Oct/24/01-17	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.180	482.1	21.43	
	Oct/24/01-18	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.120	480.1	21.34	

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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers P. Ltd. Bangalore

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Report No: SCEPL/MT/01/Oct/26/2020-21 **Date: 01-11-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/26/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 26-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
4	Oct/26/01-01	25-10-2020	01-11-2020	150.0	150.0	150.0	22500	8.170	356.0	15.82	15.90
	Oct/26/01-02	25-10-2020	01-11-2020	150.0	150.0	150.0	22500	8.270	357.7	15.90	
	Oct/26/01-03	25-10-2020	01-11-2020	150.0	150.0	150.0	22500	8.370	359.4	15.97	
5	Oct/26/01-04	25-10-2020	01-11-2020	150.0	150.0	150.0	22500	8.470	361.1	16.05	16.12
	Oct/26/01-05	25-10-2020	01-11-2020	150.0	150.0	150.0	22500	8.410	362.8	16.12	
	Oct/26/01-06	25-10-2020	01-11-2020	150.0	150.0	150.0	22500	8.350	364.5	16.20	

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* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

SHIPRAMA Consulting Engineers P. Ltd. Bangalore

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Report No: SCEPL/MT/01/Oct/26/2020-21 **Date: 22-11-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/26/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 26-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/26/01-07	25-10-2020	22-11-2020	150.0	150.0	150.0	22500	8.200	476.3	21.17	21.24
	Oct/26/01-08	25-10-2020	22-11-2020	150.0	150.0	150.0	22500	8.300	478.0	21.24	
	Oct/26/01-09	25-10-2020	22-11-2020	150.0	150.0	150.0	22500	8.400	479.7	21.32	
2	Oct/26/01-10	25-10-2020	22-11-2020	150.0	150.0	150.0	22500	8.500	481.4	21.40	21.47
	Oct/26/01-11	25-10-2020	22-11-2020	150.0	150.0	150.0	22500	8.440	483.1	21.47	
	Oct/26/01-12	25-10-2020	22-11-2020	150.0	150.0	150.0	22500	8.380	484.8	21.55	

Remarks:-
The results pertain to the samples received and tested.
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

SHIPRAMA Consulting Engineers P. LTD. Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob:9886212878 Ph : 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/31/2020-21 Date: 06-11-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/31/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 31-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/31/01-01	30-10-2020	06-11-2020	150.0	150.0	150.0	22500	8.200	357.3	15.88	15.96
	Oct/31/01-02	30-10-2020	06-11-2020	150.0	150.0	150.0	22500	8.300	359.0	15.96	
	Oct/31/01-03	30-10-2020	06-11-2020	150.0	150.0	150.0	22500	8.400	360.7	16.03	
2	Oct/31/01-04	30-10-2020	06-11-2020	150.0	150.0	150.0	22500	8.500	362.4	16.11	16.13
	Oct/31/01-05	30-10-2020	06-11-2020	150.0	150.0	150.0	22500	8.440	364.1	16.18	
	Oct/31/01-06	30-10-2020	06-11-2020	150.0	150.0	150.0	22500	8.380	362.4	16.11	
3	Oct/31/01-07	30-10-2020	06-11-2020	150.0	150.0	150.0	22500	8.320	360.7	16.03	15.96
	Oct/31/01-08	30-10-2020	06-11-2020	150.0	150.0	150.0	22500	8.260	359.0	15.96	
	Oct/31/01-09	30-10-2020	06-11-2020	150.0	150.0	150.0	22500	8.200	357.3	15.88	

Remarks:-
The results pertain to the samples received and tested.
Any correction in the report will make this report invalid
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/31/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 31-10-2020
Sample Type/Size/ Grade/Age: Samples supplied by the Customer
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/31/01-10	30-10-2020	27-11-2020	150.0	150.0	150.0	22500	8.170	473.6	21.05	21.12
	Oct/31/01-11	30-10-2020	27-11-2020	150.0	150.0	150.0	22500	8.270	475.3	21.12	
	Oct/31/01-12	30-10-2020	27-11-2020	150.0	150.0	150.0	22500	8.370	477.0	21.20	
2	Oct/31/01-13	30-10-2020	27-11-2020	150.0	150.0	150.0	22500	8.470	478.7	21.28	21.35
	Oct/31/01-14	30-10-2020	27-11-2020	150.0	150.0	150.0	22500	8.410	480.4	21.35	
	Oct/31/01-15	30-10-2020	27-11-2020	150.0	150.0	150.0	22500	8.350	482.1	21.43	
3	Oct/31/01-16	30-10-2020	27-11-2020	150.0	150.0	150.0	22500	8.290	480.1	21.34	21.25
	Oct/31/01-17	30-10-2020	27-11-2020	150.0	150.0	150.0	22500	8.230	478.1	21.25	
	Oct/31/01-18	30-10-2020	27-11-2020	150.0	150.0	150.0	22500	8.170	476.1	21.16	

Remarks:-
The results pertain to the samples received and tested.
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

Consulting Engineers Pvt Ltd Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Date: 10-11-2020

Report No: SCEPL/MT/01/Nov/04/2020-21

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Nov/04/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 04-11-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

***Grade of concrete** M20

***Location**

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
4	Nov/04/01-01	03-11-2020	10-11-2020	150.0	150.0	150.0	22500	8.140	353.4	15.71	15.78
	Nov/04/01-02	03-11-2020	10-11-2020	150.0	150.0	150.0	22500	8.240	355.1	15.78	
	Nov/04/01-03	03-11-2020	10-11-2020	150.0	150.0	150.0	22500	8.340	356.8	15.86	
5	Nov/04/01-04	03-11-2020	10-11-2020	150.0	150.0	150.0	22500	8.440	358.5	15.93	16.01
	Nov/04/01-05	03-11-2020	10-11-2020	150.0	150.0	150.0	22500	8.380	360.2	16.01	
	Nov/04/01-06	03-11-2020	10-11-2020	150.0	150.0	150.0	22500	8.320	361.9	16.08	

Remarks:-
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* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers P. Ltd. Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091.Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Nov/04/2020-21 **Date: 01-12-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Nov/04/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 04-11-2020
Sample Type/Size/ Grade/Age: Samples supplied by the Customer
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm2)	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Nov/04/01-07	03-11-2020	01-12-2020	150.0	150.0	150.0	22500	8.210	482.0	21.42	21.50
	Nov/04/01-08	03-11-2020	01-12-2020	150.0	150.0	150.0	22500	8.310	483.7	21.50	
	Nov/04/01-09	03-11-2020	01-12-2020	150.0	150.0	150.0	22500	8.410	485.4	21.57	
2	Nov/04/01-10	03-11-2020	01-12-2020	150.0	150.0	150.0	22500	8.510	487.1	21.65	21.72
	Nov/04/01-11	03-11-2020	01-12-2020	150.0	150.0	150.0	22500	8.450	488.8	21.72	
	Nov/04/01-12	03-11-2020	01-12-2020	150.0	150.0	150.0	22500	8.390	490.5	21.80	

Remarks:-
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* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers Pvt Ltd Bangalore

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/11/2020-21 **Date: 17-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/11/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 11-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M15
***Location** Culvert Apporch Concrete

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
				L	B	H					
1	Oct/11/01-01	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.130	252.0	11.20	11.28
	Oct/11/01-02	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.230	253.7	11.28	
	Oct/11/01-03	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.330	255.4	11.35	
2	Oct/11/01-04	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.430	257.1	11.43	11.50
	Oct/11/01-05	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.370	258.8	11.50	
	Oct/11/01-06	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.310	260.5	11.58	
3	Oct/11/01-07	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.250	262.2	11.65	11.73
	Oct/11/01-08	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.190	263.9	11.73	
	Oct/11/01-09	10-10-2020	17-10-2020	150.0	150.0	150.0	22500	8.130	265.6	11.80	

Remarks:-
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers Pvt. Ltd. Bangalore

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091.Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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(Mechanical Testing Laboratory Division)
ISO 9001:2015

Report No: SCEPL/MT/01/Oct/11/2020-21 **Date: 07-11-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/11/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 11-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M15
***Location** Culvert Apporch Concrete

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/11/01-10	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.140	360.5	16.02	16.10
	Oct/11/01-11	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.240	362.2	16.10	
	Oct/11/01-12	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.340	363.9	16.17	
2	Oct/11/01-13	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.440	365.6	16.25	16.32
	Oct/11/01-14	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.380	367.3	16.32	
	Oct/11/01-15	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.320	369.0	16.40	
3	Oct/11/01-16	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.260	370.7	16.48	16.55
	Oct/11/01-17	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.200	372.4	16.55	
	Oct/11/01-18	10-10-2020	07-11-2020	150.0	150.0	150.0	22500	8.140	374.1	16.63	

Remarks:-
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers P. Ltd. Bangalore

Page 1/1

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091.Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/15/2020-21 **Date: 21-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/15/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 15-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M15
***Location** Road Apporch Concrete

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
				L	B	H					
1	Oct/15/01-01	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.140	250.0	11.11	11.19
	Oct/15/01-02	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.240	251.7	11.19	
	Oct/15/01-03	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.340	253.4	11.26	
2	Oct/15/01-04	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.440	255.1	11.34	11.41
	Oct/15/01-05	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.380	256.8	11.41	
	Oct/15/01-06	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.320	258.5	11.49	
3	Oct/15/01-07	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.260	260.2	11.56	11.64
	Oct/15/01-08	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.200	261.9	11.64	
	Oct/15/01-09	14-10-2020	21-10-2020	150.0	150.0	150.0	22500	8.140	263.6	11.72	

Remarks:-
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers P. Ltd. Bangalore

1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091.Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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(Mechanical Testing Laboratory Division)
ISO 9001:2015

Report No: SCEPL/MT/01/Oct/15/2020-21 **Date: 11-11-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/15/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 15-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M15
***Location** Road Apporch Concrete

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/15/01-10	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.150	360.5	16.02	16.10
	Oct/15/01-11	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.250	362.2	16.10	
	Oct/15/01-12	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.350	363.9	16.17	
2	Oct/15/01-13	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.450	365.6	16.25	16.32
	Oct/15/01-14	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.390	367.3	16.32	
	Oct/15/01-15	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.330	369.0	16.40	
3	Oct/15/01-16	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.270	370.7	16.48	16.55
	Oct/15/01-17	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.210	372.4	16.55	
	Oct/15/01-18	14-10-2020	11-11-2020	150.0	150.0	150.0	22500	8.150	374.1	16.63	

Remarks:-
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* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

* 1049, 8th Block Extension Gangubai Hangal Road, Sir M Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob 9886212878 Ph 080 29534444 | Email shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/20/2020-21 **Date: 26-10-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/20/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 20-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M15
***Location** Opp Brigade North 7th Cross Road

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
				L	B	H					
1	Oct/20/01-01	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.150	257.0	11.42	11.50
	Oct/20/01-02	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.250	258.7	11.50	
	Oct/20/01-03	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.350	260.4	11.57	
2	Oct/20/01-04	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.450	262.1	11.65	11.72
	Oct/20/01-05	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.390	263.8	11.72	
	Oct/20/01-06	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.330	265.5	11.80	
3	Oct/20/01-07	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.270	267.2	11.88	11.95
	Oct/20/01-08	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.210	268.9	11.95	
	Oct/20/01-09	19-10-2020	26-10-2020	150.0	150.0	150.0	22500	8.150	270.6	12.03	

Remarks:-
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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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(Mechanical Testing Laboratory Division)
ISO 9001:2015

Report No: SCEPL/MT/01/Oct/20/2020-21 **Date: 16-11-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/20/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 20-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M15
***Location** Opp Brigade North 7th Cross Road

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/20/01-10	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.180	360.5	16.02	16.10
	Oct/20/01-11	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.280	362.2	16.10	
	Oct/20/01-12	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.380	363.9	16.17	
2	Oct/20/01-13	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.480	365.6	16.25	16.32
	Oct/20/01-14	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.420	367.3	16.32	
	Oct/20/01-15	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.360	369.0	16.40	
3	Oct/20/01-16	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.300	370.7	16.48	16.55
	Oct/20/01-17	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.240	372.4	16.55	
	Oct/20/01-18	19-10-2020	16-11-2020	150.0	150.0	150.0	22500	8.180	374.1	16.63	

Remarks:-
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

BVH Consulting Engineers P. Ltd. Bangalore

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1048, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091 Mob 9886212878 Ph : 080 29554444 | Email: shiprama888@gmail.com |

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Report No: SCEPL/MT/01/Oct/23/2020-21 **Date: 29-10-2020**

TEST REPORT

*Client Name& Address:	Office of The Asst Executive Engineer Byatarayanapura Division, Yalahanka Zone, Bruhat Bangalore Mahanagara Palike
*Name of Work:	Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division
*Letter Reference:	NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID	SCEPL/MT/01/Oct/23/2020-21
Source of Sample:	Samples supplied by the Customer
Date of Receipt:	23-10-2020
Sample Type/Size/ Grade/Age:	CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS codes:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
*Grade of concrete	M15
*Location	7th cross

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
				L	B	H					
1	Oct/23/01-01	22-10-2020	29-10-2020	150.0	150.0	150.0	22500	8.200	252.0	11.20	11.28
	Oct/23/01-02	22-10-2020	29-10-2020	150.0	150.0	150.0	22500	8.300	253.7	11.28	
	Oct/23/01-03	22-10-2020	29-10-2020	150.0	150.0	150.0	22500	8.400	255.4	11.35	
2	Oct/23/01-04	22-10-2020	29-10-2020	150.0	150.0	150.0	22500	8.500	257.1	11.43	11.50
	Oct/23/01-05	22-10-2020	29-10-2020	150.0	150.0	150.0	22500	8.440	258.8	11.50	
	Oct/23/01-06	22-10-2020	29-10-2020	150.0	150.0	150.0	22500	8.380	260.5	11.58	
3	Oct/23/01-07	22-10-2020	29-10-2020	150.0	150.0	150.0	22500	8.320	262.2	11.65	11.73
	Oct/23/01-08	22-10-2020	29-10-2020	150.0	150.0	150.0	22500	8.260	263.9	11.73	
	Oct/23/01-09	22-10-2020	29-10-2020	150.0	150.0	150.0	22500	8.200	265.6	11.80	

Remarks:-
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* Information furnished by the client

*** End of the report***

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED
(Mechanical Testing Laboratory Division)
ISO 9001:2015

Report No: SCEPL/MT/01/Oct/23/2020-21 **Date: 19-11-2020**

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/23/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 23-10-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M15
***Location** 7th cross

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength	Average Compressive Strength (N/mm^2)
				L	B	H					
1	Oct/23/01-10	22-10-2020	19-11-2020	150.0	150.0	150.0	22500	8.110	365.5	16.24	16.32
	Oct/23/01-11	22-10-2020	19-11-2020	150.0	150.0	150.0	22500	8.210	367.2	16.32	
	Oct/23/01-12	22-10-2020	19-11-2020	150.0	150.0	150.0	22500	8.310	368.9	16.40	
2	Oct/23/01-13	22-10-2020	19-11-2020	150.0	150.0	150.0	22500	8.410	370.6	16.47	16.55
	Oct/23/01-14	22-10-2020	19-11-2020	150.0	150.0	150.0	22500	8.350	372.3	16.55	
	Oct/23/01-15	22-10-2020	19-11-2020	150.0	150.0	150.0	22500	8.290	374.0	16.62	
3	Oct/23/01-16	22-10-2020	19-11-2020	150.0	150.0	150.0	22500	8.230	375.7	16.70	16.77
	Oct/23/01-17	22-10-2020	19-11-2020	150.0	150.0	150.0	22500	8.170	377.4	16.77	
	Oct/23/01-18	22-10-2020	19-11-2020	150.0	150.0	150.0	22500	8.110	379.1	16.85	

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* Information furnished by the client

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SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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